



OKANAGAN COLLEGE

Computer Science 213 -01

Web Development with LAMP

Course Project Specifications

Due date: Saturday, December 6, 2014

1. You can pair up with one of your fellow classmates for your project.
2. You have a choice of creating a web site using LAMP technology from scratch **OR** creating a Drupal web site with your own idea.
3. **For a project building a web site with LAMP, it requires:**
 - building the site with Netbeans;
 - login process for user authentication;
 - SSL-enabled site;
 - a database with multiple tables to support JOIN operations for different query operations;
 - logout process from the site;
 - CSS style sheets to make your web pages look good.
 - a feature that you learned from other sources by doing some research (one feature per student).

When you're done, please take screenshots to show the login page, home page with different query options, result pages from different query operations, your research feature(s) on the site and the logout page. Use *mysqldump* shell command to back up your database. Also create a text file (README.txt) to provide the following information: Author(s) of the project, what features of your project work and what features do not work (including the research feature(s) and author of the research feature(s)).

Then place all these screenshots, your database backup file, your Netbean project folder and the README.txt file into your *cs213project* folder.

For a project building a new web site with Drupal, it requires:

- building from a new Drupal template package in one of your virtual host folders (e.g. vhost1) with **https** protocol support so that we can access to it using the URL like this, for example: <https://vhost1.cosc.okc/>
- a customized theme with a banner display showing three meaningful good-looking banner images.
- customized side bar(s) with good features like Navigation Menu, Weather, Map, Poll, and a customized block of your choice. Provide at least three menu items for the Navigation Menu.
- All pages/articles will show the social media **Share** as well as the **Print/Mail** buttons.
- Provide four basic Main menu items: Home, Discussion Forum, About US and Contact US, plus two other Main menu items of your choice.
- A feature that you learned from other sources by doing some research (one feature per student).
- All contents being displayed on the site should be meaningful, no dummy content pages please!

When you're done, please take screen shots to show the home page, your customized block, Navigation menu items, your two other Main menu items, and your research feature(s). Also create a text file (README.txt) to provide the following information: Author(s) of the project, what features of your project work and what features do not work (including the research feature(s) and author of the research feature(s)).

Then place all these screenshots and the README.txt file into your *cs213project* folder.

4. Zip your *cs213project* folder and submit it via [Submission of Course Project](#) link on our Moodle course page for grading by **Saturday, December 6, 2014 (before midnight)**.